THE PATENT GALVANIZED IRON.

TUPPER and CARR,
Owners of Craufurd's Patents, and [illegible] to
THE GALVANIZED IRON COMPANY.

Supply patent Galvanized Sheets, plain or corrugated, for roofing, &c. Water or Gas Pipes, Castings, Wire of all gauges [illegible], Hooping, &c. Wholesale, retail, and for export.

An allowance to the trade.

WORKS—MILLWALL and BIRMINGHAM.
LONDON OFFICE, 3, MANSION-HOUSE-PLACE.

IRON BUILDING and ROOFING WORKS,

BIRMINGHAM, late of Southwark.
JOHN H. PORTER.

Manufacturer of the Corrugated and other kinds of Iron Roofing for railway stations, carriage sheds, farm buildings, gas-works, warehouses, factories, &c. &c.

PATENTEE

Of the Corrugated Iron Beams, Girders, and Fire-proof Floors.

THE PATENT

GALVANIZING and CORRUGATING IRON COMPANY.

JOHN [illegible], Managers.

The Company having made considerable improvements in the mode of working CRAUFORD'S PATENTS, and being able to galvanize larger work than was formerly practicable, they are in a position to execute orders to any extent, in a manner hitherto unequalled, and respectfully solicit the favours of builders, contractors, and others.

ON HAND, sheets, plain or corrugated, for iron houses, sheds, railway stations, &c.—fixed to order, if required. Wire, piping, guttering, &c., for home use and exportation.

N.B. Goods to be galvanized, sent for and returned free of charge, within three miles of the Tower; and all light goods received by Nine o'clock will be returned the same day, if required.

OFFICES—18, CIRCUS, MINORIES.
WORKS—GLASS-HOUSE-YARD, opposite the London Docks.
*** A discount allowed to the trade.

THE CORRUGATED and GALVANIZED

IRON ROOF,
PORTABLE BUILDING, AND
NASMYTH'S PATENT FLOORING, ROOFING, AND GIRDER WORKS.
Offices, 43, Gracechurch-street.

JOHN WALKER, one of the Patentees of Corrugated Iron, calls the attention of Architects, Engineers, &c. to his List of Prices, which, consistently with good workmanship, are extremely low.

Models of the patent iron flooring, corrugated or not, and girders; also, drawings of roofs, on peculiar principles, may be had on application.

Drawings of the iron lighthouse spoken of in the Times and other papers (see the Engineer for February 9th), may be seen by application.

References to firms of the highest class can be given.

NASMYTH'S PATENT

WROUGHT-IRON Fire-proof Flooring.

JOHN WALKER, Sole Manufacturer and Licensee.
Offices, 43, Gracechurch-street.

FIRE-PROOF FLOORS.

The late lamentable accident in Gracechurch-street serves to prove that where cast-iron is the foundation on which floors, &c. are made, much dependence cannot be placed on it. This induces John Walker to earnestly solicit the attention and inspection of Architects, Engineers, &c. to Mr. G. NASMYTH'S PATENT FLOORING, of which J. W. is the sole licensee and manufacturer. The material is wrought iron, and therefore not subject to sudden fracture, as cast-iron is—and wood is not introduced.

Descriptive pamphlets may be had, models may be seen, and every information obtained, at JOHN WALKER'S OFFICES, 43, Gracechurch-street.

MANUFACTURER OF CORRUGATED IRON.

TO BUILDERS, CONTRACTORS, ENGINEERS, EMIGRANTS, AND OTHERS.

THOMAS ALCHIN begs to inform his

friends and the public that he is now manufacturing from GALVANIZED IRON every description of work suitable to building purposes, including Galvanized, Corrugated, and Plain Sheet Iron for Roofing, Iron Tanks, Cast and Wrought Iron Guttering, Rain-water Pipes, Heads, Shoes, Angle Iron, Hooping, Chimney-tops, Cowls, Rod and Wire Fencing, Furnace Pans, &c. &c., at the

GALVANIZED IRON WORKS,
Regent's-canal Basin, Commercial-road, Limehouse.
A liberal discount to the trade. Estimates given for town or country work.

VENTILATION—PURE AIR.

Sheringham's Ventilator, for the admission of pure air through an



EXTERNAL WALL.

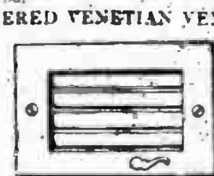
With single valve, from 4s. each; with leading pulley, from 5s. 6d.

These Ventilators are so arranged that the requisite quantity of air may be admitted for the due ventilation of an apartment without the slightest draught being felt to the occupants; and as they are placed in the external wall, their action is not impeded when the room is closed for the evening, at which time a constant supply of fresh air is most required.—HAYWARD, BROTHERS, sole Manufacturers, 196, Blackfriars-road, and 117, Union-street, Borough; and of all respectable ironmongers, builders, &c.

A PRIZE MEDAL for SUPERIOR

JOINERY was awarded to J. H. [illegible] at the Great Exhibition of 1851.

REGISTERED VENETIAN VENTILATOR.



For admission of external air or carrying off impure air from rooms, from 4s. 6d. each.—Class 22, Great Exhibition.

J. H. [illegible] and Co., Ironmongers, Brass Foundry, Nail and Tool Warehouse, 11, [illegible]-street, Clare-market, London. Established nearly [illegible] years for the sale of goods from the best manufacturers at the lowest prices.

NOIRSAIN'S VENTILATING GRATES

and STOVES.—A long sought for desideratum at last obtained. Great Economy in Fuel,—entire Prevention of Smoking in Chimneys,—and Perfect Regulation of the Temperature of Rooms, effected by the new Ventilating Grates, which may be applied to any fire-place.

The Proprietors solicit the attention of the public and scientific men to the patent apparatus,—the utility and superior advantages of which will be satisfactorily demonstrated at the Depôt, 121, REGENT-STREET, to any visitor. The highest testimonials [illegible]. Prices from Two Guineas upwards. [illegible] KIDD, Agent.

TOZER'S PATENT VENTILATING GAS

STOVE, for halls, shops, offices, &c., price 45s. This stove is constructed on the principle of ventilation, combined with [illegible], the consumption of gas being only 3d. for twelve hours. The [illegible] of all smoke and dust particularly recommends it for the [illegible] where warmth is required. Also TOZER'S PATENT SUN STOVE, to burn coke, suitable for village churches, &c.—T. TOZER, Ironmonger and Manufacturer, [illegible]-street, [illegible].

GREAT EXHIBITION.—DRAWING-

ROOM GRATES and FENDERS to which the GREAT or COUNCIL MEDAL was AWARDED.

J. L. BENHAM and SONS [illegible] that these beautiful [illegible] which were so generally admired for their [illegible] are now on [illegible] SHOW-ROOMS [illegible]

WARM-AIR STOVES for CHURCHES, HALLS, &c. &c. simple in construction, ornamental in design, and thoroughly [illegible] of various sizes and prices.

J. L. BENHAM and SONS' MANUFACTORY and SHOW-ROOMS, 19, WIGMORE-STREET, CAVENDISH-SQUARE.

PRIZE MEDAL for COOKING

APPARATUS awarded to J. L. BENHAM and SONS.

The IMPROVED FAMILY RANGE will roast, boil, bake, fry, &c. &c., for a large family, with an average consumption of only [illegible] of coal per day. It has an open fire, is perfectly simple, and of moderate cost.

Specimens of these excellent and economical Ranges, and also of the most improved [illegible] Ovens, &c. &c., as lately exhibited in HYDE PARK, [illegible] at the MANUFACTORY and SHOW-ROOMS [illegible]

J. L. BENHAM and SONS, Stove, Range, and Bath Manufacturers, Hot-water and Gas Engineers, &c., 19, WIGMORE-STREET, CAVENDISH-SQUARE, LONDON.

PRIZE MEDAL for STOVES.—The

ARNOTT'S STOVES, exhibited by F. EDWARDS, were the only close Stoves to which a Prize Medal was awarded. The attention of architects and others is particularly invited to the Arnott Stove as being by far the cheapest and most efficient method of warming that can be adopted. The Stove is made in upwards of forty different patterns and sizes, suitable for churches, public buildings, halls, and private apartments, &c. Prices from [illegible] to [illegible] and upwards. A prospectus, with full particulars, sent on application. Dr. Arnott's new plan of warming by hot water, by means of his Hot Water Stove, has most fully succeeded in the various instances in which it has been adopted, and is recommended to the Public as being truly efficient and serviceable. F. Edwards is prepared to give Estimates for the various plans of heating by hot water, hot air, or by Arnott's Stove, and he can answer for the success of any plan suggested by him, by reference to the numerous buildings where he has already put them in operation.

F. EDWARDS, General Stove and Range Manufacturer,
42, Poland-street, Oxford-street, London.

NOTICE.—The Albion Ironfoundry Stove

Grate Show Rooms, Aston-road, Birmingham, now open, exhibit assortments of the most unique and splendid designs of ornamented Stove Grates, suitable for public edifices, saloons, drawing-rooms, boudoirs, &c.; Cooking Apparatuses of the most approved constructions, &c., which for price and quality cannot be excelled.—JOHN PAGE, Proprietor.

MANUFACTURERS to the TRADE of

COOKING STOVES, by GAS or FUEL, either close or open. Register, Elliptic, and every description of Grate, of the best designs, including those with fire-brick back.

Bright Stoves, for drawing-rooms.

Hot Air Stoves, for public buildings, shops, or halls, with ascending or descending flue.

Ship and Yacht Stoves, for cooking and warming.

Cranes, Jibs, &c.

Railing and Balcony Work.

Fire and Garden Engines, and every variety of Force and Lift Pumps.

Wrought-iron FIREPROOF BOOK SAFES and Deed Boxes; also in cast-iron.

Iron Bedsteads and Cots of all kinds.

Hot Water and Steam applied for heating buildings of any size and description.

GRIGG and JENKINSON, in addition to the articles enumerated, manufacture all kinds of ironwork; and as everything is executed on their own premises, under their immediate superintendence, they can offer great facilities in price, &c. They respectfully solicit a trial.

GRIGG and JENKINSON, Finsbury Iron Works,
119 and 120, Bunhill-row, London.

TO BUILDERS, CARPENTERS, CABINET MAKERS, &c.

JOHN DALE, 18 and 19, Chiswell-street,

Finsbury-square, begs to inform the above Trades, that he has now added the business of the late Mr. WILLIAMSON to his own old-established concern, and respectfully invites an inspection of his immense stock of ironmongery, which cannot be surpassed in London, every article being of the best quality and lowest possible prices:—



Elliptic Stoves, double backs, 3½d. per inch.

Register Stoves, 5d. 6d. 6½d. 7½d. per inch.

Self-acting Ranges, with circular ovens and back boilers, best wrought bars and bright fittings:—3 ft., 2l. 14s.; 3 ft. 6 in., 3l. 4s.; 4 ft., 3l. 18s.

3-feet Cottage Ranges, with ovens and back boilers, 28s. each.

3-feet self-acting ditto, ditto, 32s. each.

Air Bricks, 1s. 6d. per doz.—1-inch Cut Lath Nails, 13s. 6d. per cwt.

Best Patent Cut Clasp.

1¼	1½	2	2½	3 inch and larger.
14s. 6d.	14s.	13s.	12s. 6d.	12s. per cwt.

Best Sheet Floor Brads, 11s. 6d. per cwt.

Best Town Glue, 56s. Ditto, Scotch, 50s. per cwt.

Best Patent Sash Line.

1	2	3	4	5	6
4s.	4s. 6d.	5s. 6d.	7s.	9s.	10s. 6d. per gross.

List of Prices had on application at the Warehouse, or by letter prepaid.

CLARK and HUNT'S IRONMONGERY,

STOVE and METAL WAREHOUSE, 159, Shoreditch.

Improved Self-acting Cottage Ranges, with Large Oven and Boiler	30	33	34	36 inch.
	28s.	30s.	32s.	34s.
Best Self-acting Ranges, with Oven and Back Boiler, Bright Wrought Bars	34	36	38	40 inch.
	54s.	58s.	62s.	67s.

Strong Elliptic Stoves, with Extra Back and Solid Bars, per inch, 3½d.

Register Stoves, with Solid Bars, per inch, 5d. Best Solar ditto, with Fire Brick Back, per inch, 10d.

Bright Stoves, with Two Fires, 60s. to 100s. each.

Cast Rain-water Pipe	2	2½	3 inch.
	8d.	10d.	1s. per yard.

Cast Gutters—4 inch, 5d. per yard.

O. G. Gutters	4	4½ inch.
	11d.	1s. per yard.

Best Cut Clasp and Rose	1¼	1½	2	2½	3 inch.
	14s. 6d.	14s.	13s. 6d.	13s. 6d.	12s. per cwt.

Sheet Flooring Brads, 11s. 6d. per cwt.

1-inch Cut Lath, 13s. 6d. Cast Lath, 8s. 6d.

6-inch 3-Bolt Rd. Ward Mortice, with best Furniture and Patent Spindles, 3s. 9d. Light Elliptic and Register Metal, 12s. per cwt.

Hot Water Pipes, 8s. 6d. per cwt.

Dr. Arnott's Ventilators, 5s. each.

An extensive stock of bar, rod, hoop, and sheet iron.

Clark and Hunt's Improved Glass Paper.

TO BUILDERS, CARPENTERS, &c.—

The undermentioned are the PRESENT PRICES of IRONMONGERY, at YOUNG'S, 134, Oxford-street. Every other article equally low. Orders executed upon receipt of remittance or a respectable London reference.

	3	3½	4	Inches.
Cast Butts	5s. 3d.	7s. 6d.	11s. per 6 dozens	
Cut Clasp	5d.	7d.	1s. 3d.	1s. 8d. per 1,000.
	3d.	6d.	10d.	2½d.
Nos.	3	4	5	6
Patent Line	5s. 6d.	7s.	9s.	10s. 6d. per gross.
	2	2½	3 Inches.	
Rain Pipe	9½d.	10½d.	1s. 1d. per yard.	

TO BUILDERS, CARPENTERS, AND OTHERS.

BENJAMIN WALMSLEY, IRON-

MONGER, BRASSFOUNDER, STOVE and RANGE MANUFACTURER, 126 and 127, LONDON-ROAD, Southwark, [illegible] of builders, carpenters, cabinet-makers, [illegible] at wholesale prices:—

[illegible] per cwt.

1¼	1½	2	2½	3 in.
[illegible]	14s.	13s.	12s.	12s. per cwt.

[illegible] per cwt.; Sash Weights, [illegible] per cwt.

[illegible] per gross.

[illegible] per dozen pairs:—8-in., 10d.; 10-in., 1s. 2d.; 12-in., [illegible]

Iron Rain-water [Pipe]	2	2½	3 in.
	8d.	10d.	1s. 1d. per yard
Half-round Gutter	3	3½	4 in.
	7d.	7½d.	9½d.
O G Gutter	4	4½	5 in.
	10d.	11d.	1s. 0d.

Air Bricks, 1s. 6d. per dozen. Hooping for Bond, 1s. 6d. per cwt.

Dr. Arnott's Ventilators, 4s. 6d. each.

[illegible] Self-Acting Cottage Ranges, with Oven and Boiler, [illegible] ditto with [illegible] and Bright Fittings, [illegible] each. [illegible] per inch. [illegible] per inch. [illegible] from [illegible] each. [illegible] builders is respectfully invited.

A large assortment of Rim, Mortice, Drawback, Iron Gate, and other kinds of Locks and Latches. An extensive Stock of [illegible] Door Furniture, in Brass, Porcelain, Glass, and [illegible] Woods.

Finger Plates, Levers, and Bell pulls en suite.

Bar, Hoop, Sheet and Rod Iron, and Spring Steel.

The stock of this establishment is too extensive to be described in the limits of an advertisement; and the most correct idea that can be given of it is by saying that every trade consuming ironmongery can here select whatever they require at wholesale prices.

WALMSLEY'S, 126 and 127, LONDON ROAD, SOUTHWARK, six doors from the Obelisk.

TO BUILDERS, CABINET-MAKERS,

and OTHERS.

Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.

Fine Cut Clasp and Rose.

14s. 6d.	14s. 6d.	13s. 6d.	13s.	12s. 3d. per cwt.
1¼	1½	2	2½	3 inch.

Cross Garnet Hinges, per dozen pair.

2s. 9d.	3s. 3d.	4s.	4s. 9d.	5s.	7s. 3d.
10	12	14	16	18	20 in.

Best Bright Tower Bolts, per doz.

1s. 3d.	1s. 7d.	2s.	2s. 6d.	2s. 3d.	2s. 9d.	3s. 7d.
3	4	5	6	7	8	9 in.

Iron Rain-water Pipe.

8d.	10d.	1s. 1d.	1s. 3d.	1s. 6d. per yard.
2	2½	3	3½	4 inch.



Best London Glue, 46s. per cwt.

Cast Lath Nails, 10s. per cwt.

Air Bricks, 1s. 3d. per doz.

Hooping for bond, 8l. per ton.

Sash Weights, 5s. per cwt.

TERMS—NET CASH.

A price-list may be had on application.

A. L. PFEIL and STEDALL,
Wholesale Ironmongers, Brass Foundry and Nail Warehouse,
5 and 6, Broad-street, Bloomsbury, London.
AGENTS FOR LEAN'S PATENT MORTISE LOCKS AND BOLTS.

TO BUILDERS, SMITHS, WHEELWRIGHTS, AND OTHERS.

JOHN LINEY'S BAR, ROD, HOOP, and

SHEET IRON WAREHOUSE; Stove, Grate, and [illegible] Manufacturer, No. 1, Charles-street, East, Euston-square, [illegible] call the attention of the above to the unprecedented low [prices of] the following Articles:—

Sash Weights, 5s. per cwt.; Hooping for Bond, 8s. 6d. per [cwt.]

Air Bricks, 1s. 6d. per doz.

Rain Water Pipe	2	2½	3 inch	
	8d.	10d.	1s. per yard.	
Half-round Gutters	3	3½	4 inch	
	7d.	7½d.	9½d. per yard.	
Improved Self-acting Cottage-ranges	30	32	34	36 in. With [illegible]
	20s.	22s.	23s.	25s. [illegible]

Best Bright Ranges, with circular Ovens, Back Boilers, and Improved Taps complete, 3 ft. 55s.; 3 ft. 6 in. 65s.; 4 ft. 75s.

Strong Elliptic Stoves, extra back, 3½d. per inch; Register Stoves from 5d. per inch. With every other article equally [low].

N.B. A powerful Punching Press to be sold [illegible]

TO BUILDERS, CARPENTERS, &c.

G. C. LEWIS, Ironmonger, Stove and

Range Manufacturer, OPPOSITE ALBERT [GATE], KNIGHTSBRIDGE, has in stock every article for the [use of] the trade at wholesale prices.

Best Cut Clasp.

15s.	14s. 6d.	13s. 6d.	13s. 6d.	12s. 6d. per cwt.
1¼	1½	2	2½	3 inch.

Best Cut Flooring Brads, 11s. 6d. per cwt.

Malleable Slate, 25s. per cwt.

Tower Bolts.

1s. 4d.	1s. 6d.	2s. 3d.	2s. 9d.	3s. per dozen.
3	4	5	6	7 inch.

Best Patent Sash Line.

	4s.	4s. 6d.	5s. 6d.	7s.	9s.	10s. 6d. per gross.
No. 1	2	3	4	5	6	

Dr. Arnott's Ventilators, 5s., 5s. 6d., 7s. 6d. each.

Air Bricks, 1s. 6d. per dozen. Sash Weights, 5s. 3d. per cwt.

A general assortment of Elliptic and Register Stoves, Kitchen Ranges, Rim and Mortice Locks, Door Furniture in great variety, Bell Cranks, Levers, &c. Rain Water Pipes, Heads, and [illegible] Cabinet Brass Work and Locks in great variety.

PATENT WROUGHT NAILS.—[These]

NAILS are submitted to the notice of Builders, Carpenters, and Ship-builders, as being superior to any others [illegible]. They have the toughness of the best hand-made nails, with greater uniformity of make. The flat-pointed rose nails are particularly recommended wherever oak or other hard wood is used, being perfectly chisel-pointed, they require no boring, and drive into the hardest wood without splitting it, and they being very strong do not fly off. The patent wrought nails may be had of all ironmongers. A stock of them is kept at the [warehouse] of the agents, HIGGS and GEORGE, Wholesale Ironmongers, [illegible] Borough, London.

COLLINGE'S PATENT HINGES.—S[een]

Manufacturers, CHARLES COLLINGE and Co., 65, Bridge-road, Lambeth, where a great variety are always on view for church, park, railroad, coach-house, and other [illegible] doors of large and small dimensions, a gate of a ton weight with these hinges is easily as a wicket. Ornamental, adapted for drawing-rooms, &c.; doors fitted with these are removed and replaced in an instant. Rising and [illegible] spring hinges, and superior gate fastenings, at moderate [prices]. None genuine unless marked "Charles Collinge, Patentee." Plain and ornamental cast and wrought iron work for building and other purposes. Engines, machinery, [illegible] irons, [illegible]-mills, &c.

IRON HURDLES.—Great Reduction.

For Sheep, 6 ft. long, 3 ft. above ground, five bars, 3s. 6d. each.
For Cattle, ditto, 3 ft. 3 in. ditto, 5s. 6d. each.
Stanched Wire Fence, 3 ft. 6 in. ditto, six wires, standards, 6 ft. apart .... 1s. [illegible] per [yard].
Ditto with Extra Strong Standards .... 1s. 3d. per [yard].

Wove wire netting for excluding hares, rabbits, poultry, &c., various widths, 1d. per square foot and upwards; wrought and cast-iron palisading, gates, and ornamental garden fences in great variety. Oat and bean bruisers, with iron frame and [illegible] brass bearings, and regulating screw, 4l. 4s. each. Chaff-cutters of best construction, metallic framing, and fly-wheel, with [two] knives, to cut sixteen bushels per hour, 4l. 4s. each. [illegible] stable pumps, &c. Wrought-iron wheelbarrows, &c.

STEPHENSON and PELLS, 61, Gracechurch-street, City; and at the Manufactory, 17, New Park-street, Southwark.